**Introduction**

**Aim:**

The aim of the PC Sales and Service system is to create an interactive way that allow the user to request for any kind of PC service and admin to make available that services. The user must sign up first and can ask for any kind of PC services based on the need. Which is reviewed by the admin and admin makes it available the service to the user at doorstep.

**Scope:**

Use of the application to create an way to make PC services available to doorstep with a good interaction with service provider. It also helps to reduce the time of service and also helps to expand local PC business in an easier way.

**Software Requirement Specification**

**2.1 Introduction**

**2.1.1 Purpose**

The purpose of this software is to external behaviour of a PC Sales and Service system. This software defines and describes the operation, interface, performance and quality assurance of system. Another purpose of this software is to help local PC business to expand their market.

**2.1.2 Document convention:**

**Font Style Size**

**Heading** Time new roman Bold 16

**Sub heading** Time new roman Bold 12

**Other’s** Times new roman Regular 12

**2.2 Overall Description**

**2.2.1 Product Perspective**

PC Sales and Service System is to provide an interactive platform , helps to make PC services available at doorstep with less time consuming and better interaction.

It also helps to purchase any computer accessories.

**2.2.2 Product function**

* Admin should be able to review service request, insert new accessories, manage services etc.
* Can request any kind of services.
* The admin can get information about the user for credentialed.
* User have the ability to give feedback.
* User can ask for any kind of query.
* User can search for particular product/accessories.

**2.2.3 User Classes and Characteristics**

User of the website is the member of the website and the administrator who maintain the website.

User and admin are assumed to have basic knowledge of computer and internet browsing.

Admin of the system should have more knowledge of internal modules of the system and are able to rectify small problem that may arise due to disk crashes power and other catastrophes.

**2.2.4 Operating Environment**

The PC Sales and Service system is a website and shall operate in Linux and windows operating system.

**2.2.5 Assumption and Declaration**

The user has sufficient knowledge of computer. The institute computer should have internet connection.

**2.3. External Interface Requirement**

**2.3.1 Hardware interface**

The client machine:

Processor, RAM , Hard disk

The server interface:

Processor, RAM, Hard disk

**2.3.2 Software interface:**

Operating system: Linux

Database: My SQL

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**2.4. Software Used for Development**

**2.4.1 Front-end**

HTML

CSS

Bootstrap

**2.4.2 Back-end**

PHP

JAMP

My SQL

**2.5 . System Features**

1. Admin Registration

|  |  |
| --- | --- |
| 1. Name | Admin Registration |
| 1. Participating actor | Admin |
| 1. Goals | Recognize the particular person |
| 1. Triggers | Request for admin registration |
| 1. Pre condition | The admin should be authorized by owner for the admin position |
| 1. Post condition | Registration completion |
| 1. Basic flow | 1.Request for Registration  2.Getting into Registration Form  3.Succesful completion of registration |
| 1. Exception | Display error message if already registered |
| 1. Qualities | Security |

1. Admin Log-In

|  |  |
| --- | --- |
| 1. Name | Admin Log In |
| 1. participating Actor | Admin |
| 1. Goals | To log Into The software and make key changes |
| 1. Triggers | Click the log in button |
| 1. Pre Condition | Admin should be registered |
| 1. Post condition | Successful Login |
| 1. Basic flow | 1.admin registration  2.admin login  3.succesful log-in |
| 1. Exception | Error in log-in |
| 1. Qualities | Better data management |

1. Customer Registration

|  |  |
| --- | --- |
| 1. Name | Customer Registration |
| 1. participating Actor | Admin, Customer |
| 1. Goals | To recognize the customer |
| 1. Triggers | Customer Registration |
| 1. Pre Condition | Admin should be logged in |
| 1. Post condition | Customer Registration |
| 1. Basic flow | 1)Admin log in  2) Customer Registration  3) Customer Registered |
| 1. Exception | Customer pre registered |
| 1. Qualities | Security |

1. Customer Log-In

|  |  |
| --- | --- |
| 1. Name | Log in |
| 1. participating Actor | Customer |
| 1. Goals | To log into the system |
| 1. Triggers | Log in |
| 1. Pre Condition | Open the software |
| 1. Post condition | Logged into the software |
| 1. Basic flow | 1)open the home page  2)click log in  3)logged into the system |
| 1. Exception | Log in failure |
| 1. Qualities | Security and integrity |

1. Home

|  |  |
| --- | --- |
| 1. Name | Home page |
| 1. participating Actor | Customer ,Admin |
| 1. Goals | To access Home page |
| 1. Triggers | Home page |
| 1. Pre Condition | Customer should log in |
| 1. Post condition | Home page appear |
| 1. Basic flow | 1)Customer log in  2)Home page |
| 1. Exception | Log in error |
| 1. Qualities | Easy maintenance |

1. Build a PC

|  |  |
| --- | --- |
| 1. Name | Build a PC |
| 1. Participating Actor | Customer ,Admin |
| 1. Goals | Access the Build a PC page |
| 1. Triggers | Build a PC |
| 1. Pre Condition | Customer should log in |
| 1. Post condition | Edited menu |
| 1. Basic flow | 1) Customer log in  2)Build a PC |
| 1. Exception | Log in error |
| 1. Qualities | Easy maintenance |

1. Request office based PC

|  |  |
| --- | --- |
| 1. Name | Office based PC |
| 1. Participating Actor | Customer |
| 1. Goals | Request for office based PC |
| 1. Triggers | Office based PC |
| 1. Pre Condition | Customer should log in |
| 1. Post condition | Request for office based PC |
| 1. Basic flow | 1) Customer log in  2)Click on build a PC  3)Click on request for office based PC |
| 1. Exception | Log in error |
| 1. Qualities | Easy maintenance |

1. Request for gaming PC

|  |  |
| --- | --- |
| 1. Name | Gaming PC |
| 1. Participating Actor | Customer |
| 1. Goals | Request for gaming PC |
| 1. Triggers | Gaming PC |
| 1. Pre Condition | Customer should log in |
| 1. Post condition | Request for gaming PC |
| 1. Basic flow | 1) Customer log in  2)Click on build a PC  3)Click on request for gaming PC |
| 1. Exception | Log in error |
| 1. Qualities | Easy maintenance |

1. Repair

|  |  |
| --- | --- |
| 1. Name | PC services |
| 1. participating Actor | Customer |
| 1. Goals | Access the PC Services page |
| 1. Triggers | PC Services |
| 1. Pre Condition | Customer should log in |
| 1. Post condition | Open PC Services |
| 1. Basic flow | 1) Customer log in  2)repairing |
| 1. Exception | Log in error |
| 1. Qualities | Easy maintenance |

1. Request for Printer repairing

|  |  |
| --- | --- |
| 1. Name | Printer repairing |
| 1. Participating Actor | Customer |
| 1. Goals | Request for Printer repairing |
| 1. Triggers | Request for printer repairing |
| 1. Pre Condition | Customer should log in |
| 1. Post condition | Request for printer repairing |
| 1. Basic flow | 1) Customer log in  2)click on repairing  3)click on request for printer repairing |
| 1. Exception | Log in error |
| 1. Qualities | Easy maintenance |

11. Request for Software Update

|  |  |
| --- | --- |
| 1. Name | Software updation |
| 1. Participating Actor | Customer |
| 1. Goals | Request for software updation |
| 1. Triggers | Request for software updation |
| 1. Pre Condition | Customer should log in |
| 1. Post condition | Request for software updation |
| 1. Basic flow | 1) Customer log in  2)click on repairing  3)Click on request for software updation |
| 1. Exception | Log in error |
| 1. Qualities | Easy maintenance |

12. Request for Accessories

|  |  |
| --- | --- |
| 1. Name | Accessories |
| 1. Participating Actor | Customer |
| 1. Goals | Access the Accessories page |
| 1. Triggers | Accessories |
| 1. Pre Condition | Customer should log in |
| 1. Post condition | Open Accessories |
| 1. Basic flow | 1)Customer log in  2) Accessories |
| 1. Exception | Log in error |
| 1. Qualities | Easy maintenance |

13. View About Us

|  |  |
| --- | --- |
| 1. Name | About Us |
| 1. Participating Actor | Customer |
| 1. Goals | Access the About Us page |
| 1. Triggers | About Us |
| 1. Pre Condition | Customer should log in |
| 1. Post condition | Open About Us |
| 1. Basic flow | 1)Customer log in  2) About Us |
| 1. Exception | Log in error |
| 1. Qualities | Easy maintenance |

1. Give Feedback

|  |  |
| --- | --- |
| 1. Name | Feedback |
| 1. participating Actor | Customer |
| 1. Goals | Access the Feedback page |
| 1. Triggers | Feedback |
| 1. Pre Condition | Customer should log in |
| 1. Post condition | Open Feedback |
| 1. Basic flow | 1)Customer log in  2) Feedback |
| 1. Exception | Log in error |
| 1. Qualities | Easy maintenance |

1. Review Order

|  |  |
| --- | --- |
| 1. Name | Review Order |
| 1. participating Actor | Admin |
| 1. Goals | To check customer order request |
| 1. Triggers | Review Order |
| 1. Pre Condition | Admin should log in |
| 1. Post condition | Order Reviewed |
| 1. Basic flow | 1)Admin log in  2) Review Order |
| 1. Exception | Log in error |
| 1. Qualities | Easy maintenance |

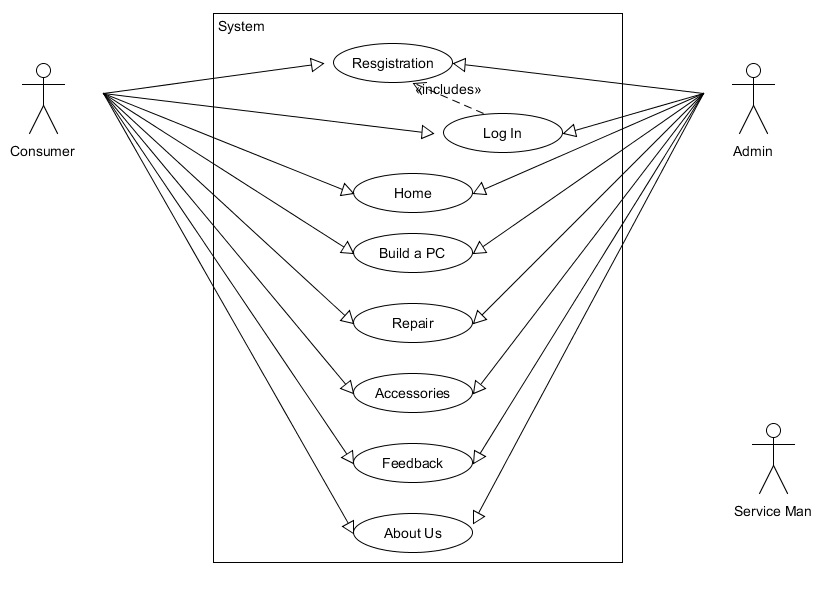
1. Add Products

|  |  |
| --- | --- |
| 1. Name | Add New Product |
| 1. participating Actor | Admin |
| 1. Goals | To add products |
| 1. Triggers | Add New Product |
| 1. Pre Condition | Admin should log in |
| 1. Post condition | Product added |
| 1. Basic flow | 1)Admin log in  2) Add New Product |
| 1. Exception | Log in error |
| 1. Qualities | Easy maintenance |

1. Edit Products

|  |  |
| --- | --- |
| 1. Name | Edit Products |
| 1. participating Actor | Admin |
| 1. Goals | To edit products |
| 1. Triggers | Edit Products |
| 1. Pre Condition | Admin should log in |
| 1. Post condition | Product details edited |
| 1. Basic flow | 1)Admin log in  2) Edit Products |
| 1. Exception | Log in error |
| 1. Qualities | Easy maintenance |

**2.6. Use Case Diagram**

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